



A.D. 1781 N^o 1304.

S P E C I F I C A T I O N

OF

JAMES SHARP.

STOVE FOR WARMING BUILDINGS.

L O N D O N :

PRINTED BY GEORGE E. EYRE AND WILLIAM SPOTTISWOODE,
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1854.



A.D. 1781 N° 1304.

Stove for Warming Buildings.

SHARP'S SPECIFICATION.

TO ALL TO WHOM THESE PRESENTS SHALL COME, JAMES SHARP, of Leadenhall Street, in the City of London, Ironmonger, sends greeting.

WHEREAS the King's most Excellent Majesty, by His Letters Patent
5 under the Great Seal of Great Britain, bearing date the Twenty-first day of
August last, gave and granted unto the said James Sharp, his executors,
administrators, and assigns, His Majesty's special licence, full power, and sole
privilege and authority, for the said James Sharp, his executors, adminis-
trators, and assigns, and every of them, by himself or themselves, or by his or
10 their deputy or deputies, servants, or agents, or such other as he, the said
James Sharp, his executors, administrators, or assigns, should at any time agree
with (not exceeding the number of five), and no other, from time to time and
at all times during the term of fourteen years therein expressed, to make, use,
exercise, and vend his new invented "CURIOUS STOVE OR GRATE, ANSWERING
15 EVERY PURPOSE OF THE AMERICAN, GERMAN, OR REGISTER STOVES, BUT IN ITS EFFECT
SUPERIOR TO ANY OF THEM, FOR THE WARMING OF ROOMS, CHURCHES, OR HALLS, WITH
POWER OF INCREASING OR DIMINISHING THE HEAT THEREOF, AND WITHOUT CONSUMING
SO MUCH FUEL AS OTHER STOVES HERETOFORE DISCOVERED," to have, hold, use,
exercise, and enjoy the said licence, power, privilege, and advantage, to the
20 said James Sharp, his executors, administrators, and assigns, for the term of
fourteen years from the date of the said Letters Patent next immediately
ensuing, and fully to be compleat and ended according to the statute in that
case made and provided; in which said Letters Patent is contained a proviso,
that if the said James Sharp should not particularly describe and ascertain
25 the nature of the said Invention, and in what manner the same is to be per-
formed, by an instrument in writing under his hand and seal, and cause the

Sharp's Improvements in Stoves for Warming Rooms, Churches, Halls, &c.

same to be inrolled in His Majesty's High Court of Chancery within four calendar months next and immediately after the date of the said Letters Patent, that then the said Letters Patent, and all liberties and advantages whatsoever thereby granted, should utterly cease, determine, and become void.

NOW KNOW YE, that I, the said James Sharp, in pursuance of the said 5 proviso in the said Letters Patent contained, do hereby declare that the nature of my said Invention, and the manner in which the same is to be performed, appears and is described in the Drawing hereunto annexed.

In witness whereof, I, the said James Sharp, have hereunto set my hand and seal, this Eighteenth day of October, in the year of our 10 Lord One thousand seven hundred and eighty-one.

JAMES (L.S.) SHARP.

Signed and sealed (being first duly
stampt) in the presence of

THO^s MENDHAM (Clerk of the Petty Bagg.)

15

THO^s SANSUM.

AND BE IT REMEMBERED, that on the Eighteenth day of October, in the year of our Lord 1781, the aforesaid James Sharp came before our said Lord the King in His Chancery, and acknowledged the Specification aforesaid, and all and everything therein contained and specified, in form above 20 written. And also the Specification aforesaid was stampt according to the tenor of the Statutes made in the sixth year of the reign of the late King and Queen W^m and Mary of England, and so forth, and in the seventeenth year of the reign of His Majesty King George the Third.

Inrolled the Twentieth day of October, in the year of our Lord One 25 thousand seven hundred and eighty-one.

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FIG. 1.

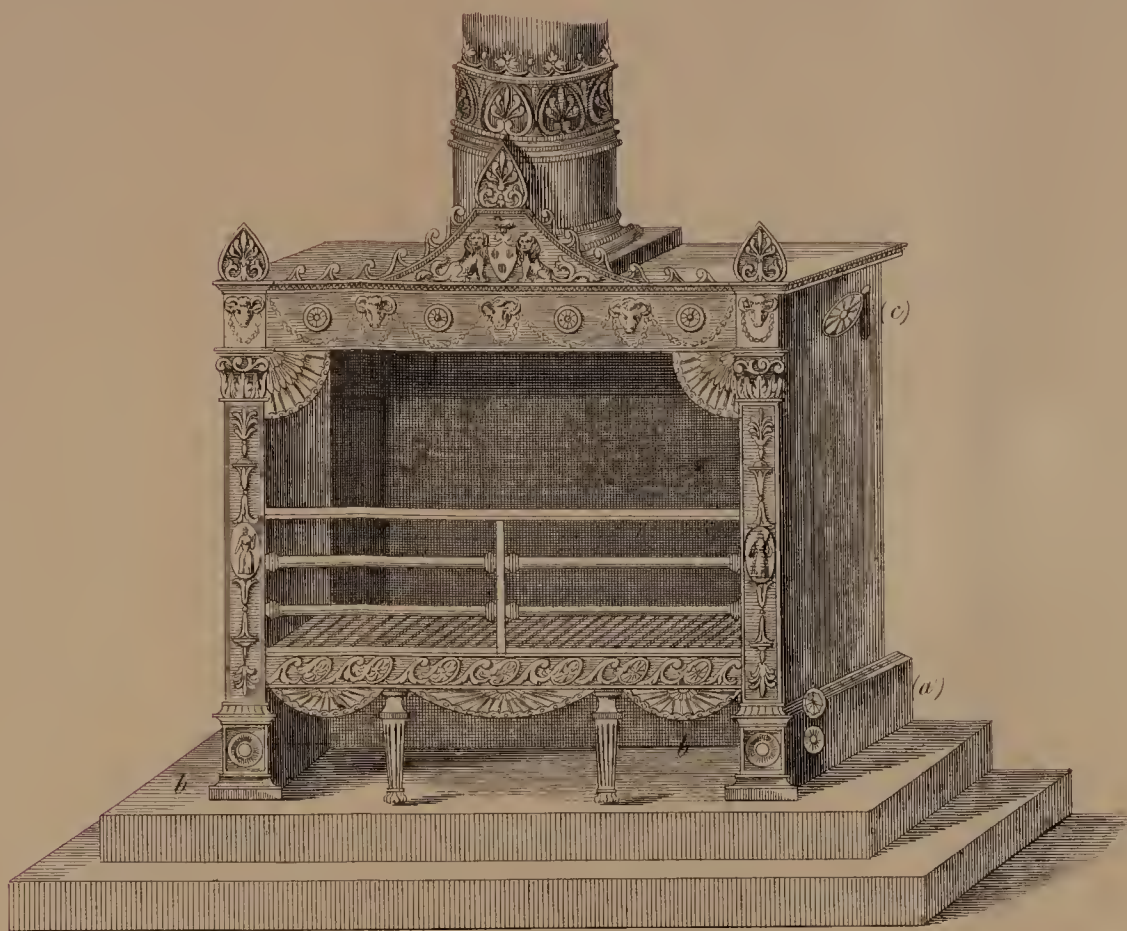


FIG. 4.

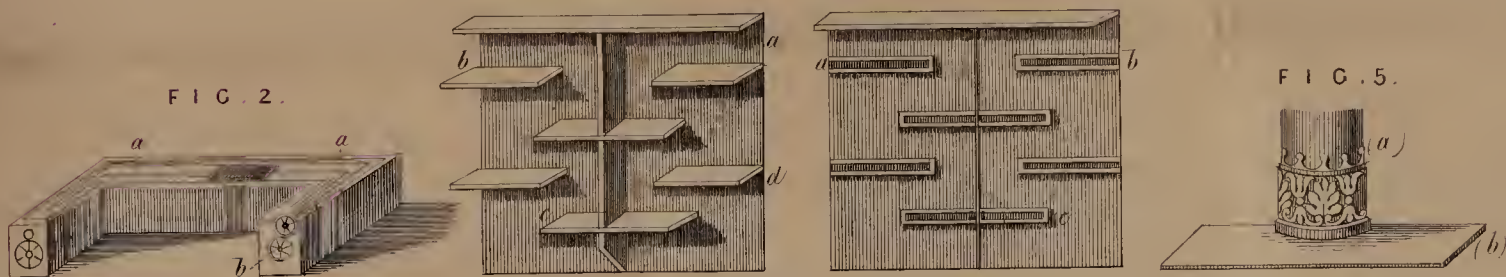


FIGURE 1. A Stove compleat which may be varied into any other shape or pattern, and made of cast or wrought iron or other metal (a) is the hollow base open at the back upon which the body of the stove stands whereby the hole which communicates with the external air (whether it be made through the hearth or the back of the chimney) can be more easily and conveniently covered with any additional brick, stone, or Tyle work so that the whole may easily be removed, and replaced as occasion may require, and also through the base an opening is obtained the full width of the stove from the external air hole into the air box.

(b, b) The holes in the front of the base for the admission of cold air when the room is too hot, which holes may be made in any other part of the base that may suit the situation better having each a ventilator.

(c, c) The holes and shutters through which issues the warm fresh air.

Fig 2 Is the hollow base separate from the stove.

(a, a, a) Is the hollow through which the air passes (b, b) are the holes in the front of the base as above described, having each a ventilator acting in the front on receiving the cool air.

Fig 3 & 4 are the two backs which form the air box and which being screwed together face to face form a communicated passage or air box for warming the external fresh air, and these (a, b, c) the partitions are made horizontal whereby an opening is obtained for the admission of fresh air (agreeable to the base above mentioned the whole width of the stove, and the air is never compelled to descend in the air box in consequence of which a much greater quantity of fresh air will be introduced. Fig 5 (a) Is the Funnel applied at the top of the stove whereby the whole stove may be placed in any chimney without being fixed therein either by brick or stone works or iron plates being always removable at pleasure.

(b) Is the top plate, so that by this top and funnell the stoves are rendered applicable to any chimney or by length of funnell to any place without a chimney.

And by the alterations in the air box a much greater quantity of warmed fresh air is introduced than could possibly be in their former state, and by the hollow place they may be applied with much greater effect to the external air and are always moveable for cleaning sweeping and repairs.

